AMENDMENTS TO THE CLAIMS

Claims 15-45 are currently pending in the application. Claims 15, 24-26, 34-36, and 44-45 are currently amended to clarify the claimed invention as embodied in these claims, without acquiescence in the cited basis for rejections or prejudice to pursue the original claims in a related application. A complete listing of the pending claims is provided below. No new matter has been added.

1-14. (Cancelled)

15. (Currently Amended) A method of accessing database recovery logs of a database, said method comprising:

> selecting at least one of said database recovery logs to access, in which the at least one of the database recovery logs contains information for restoring the database to a specific state;

> establishing a view of the at least one of said database recovery logs;

> insulating said view from a format of the at least one of said database recovery logs;

> issuing a database statement to query said view; [[and]]

> retrieving data from at least one of said database recovery logs in response to said database statement; and[[.]]

> displaying a result of the act of retrieving the data or storing the result in a tangible computer readable medium.

16. (Previously Presented) The method of claim 15, wherein insulating said view comprises:

> generating a data dictionary snapshot; and

> translating said data using said data dictionary snapshot.

17. (Previously Presented) The method of claim 16, wherein said data is translated into an external data format.

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18.   (Previously Presented) The method of claim 15, wherein time and/or date boundaries are established for said recovery logs.

19.   (Previously Presented) The method of claim 15, wherein said database statement is a SQL statement.

20.   (Previously Presented) The method of claim 15, wherein said recovery logs comprise an undo log and/or a redo log.

21.   (Previously Presented) The method of claim 15, wherein said view is a relational view comprising at least one row and at least one column.

22.   (Previously Presented) The method of claim 15, wherein said view is formed from a plurality of said recovery logs.

23.   (Previously Presented) The method of claim 15, wherein said view does not utilize database storage space.

24.   (Currently Amended) The method of claim 15, wherein establishing a view comprises[[:]] constructing a virtual table using data from the at least one of said database recovery logs, wherein a format of said virtual table is different than independent of the format of the at least one of said database recovery logs.

25.   (Currently Amended) The method of claim [[24]]15, wherein [[the]]a format of the view said virtual table does not change remains unchanged without modifying a query statement corresponding to the view when the format of the at least one of said recovery logs changes.

26.   (Currently Amended) A computer program product that includes a medium usable by a processor, said medium having stored thereon a sequence of instructions which, when executed by said processor, causes said processor to execute a process for accessing database recovery logs, said process comprising:

        selecting at least one of said database recovery logs to access, in which the at least
            one of the database recovery logs contains information for restoring the database
            to a specific state;

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establishing a view of ~~the~~ at least one of said database recovery logs;

insulating said view from a format of ~~the~~ at least one of said database recovery logs;

~~receiving~~ issuing a database statement to query said view; [[and]]

retrieving data from at least one of said database recovery logs in response to said database statement; and[[.]]

displaying a result of the act of retrieving the data or storing the result in a tangible computer readable medium.

27.   (Previously Presented) The computer program product of claim 26, wherein insulating said view comprises:

generating a data dictionary snapshot; and

translating said data using said data dictionary snapshot.

28.   (Previously Presented) The computer program product of claim 27, wherein said data is translated into an external data format.

29.   (Previously Presented) The computer program product of claim 26, wherein time and/or date boundaries are established for said recovery logs.

30.   (Previously Presented) The computer program product of claim 26, wherein said recovery logs comprise an undo log and/or a redo log.

31.   (Previously Presented) The computer program product of claim 26, wherein said view is a relational view comprising at least one row and at least one column.

32.   (Previously Presented) The computer program product of claim 26, wherein said view is formed from a plurality of said recovery logs.

33.   (Previously Presented) The computer program product of claim 26, wherein said view does not utilize database storage space.

34.   (Currently Amended) The computer program product of claim 26, wherein establishing a view comprises[[:]] ~~constructing~~ a virtual table using data from the at least one of said database recovery logs, wherein a format of said virtual table is ~~different than~~ independent of the format of the at least one of said database recovery logs.

35.   (Currently Amended) The computer program product of claim [[34]]26, wherein [[the]]a format of the view ~~said virtual table does not change~~ remains unchanged without modifying a query statement corresponding to the view when the format of the at least one of said recovery logs changes.

36.   (Currently Amended) A system for accessing database recovery logs, said system comprising:

    means for selecting at least one of said database recovery logs to access;

    means for establishing a view of the at least one of said database recovery logs;

    means for insulating said view from a format of the at least one of said database recovery logs;

    means for issuing a database statement to query said view; [[and]]

    means for retrieving data from at least one of said database recovery logs in response to said database statement; and[[.]]

    a display apparatus configured for displaying a result of the act of retrieving the data or a computer readable medium or a storage device configured for storing the result.

37.   (Previously Presented) The system of claim 36, wherein means for insulating said view comprises:

    means for generating a data dictionary snapshot; and

    means for translating said data using said data dictionary snapshot.

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38.   (Previously Presented) The system of claim 37, wherein said data is translated into an external data format.

39.   (Previously Presented) The system of claim 36, wherein time and/or date boundaries are established for said recovery logs.

40.   (Previously Presented) The system of claim 36, wherein said recovery logs comprise an undo log and/or a redo log.

41.   (Previously Presented) The system of claim 36, wherein said view is a relational view comprising at least one row and at least one column.

42.   (Previously Presented) The system of claim 36, wherein said view is formed from a plurality of said recovery logs.

43.   (Previously Presented) The system of claim 36, wherein said view does not utilize database storage space.

44.   (Currently Amended) The system of claim 36, wherein the view in the means for establishing a view comprises[[:]] means for constructing a virtual table using data from the at least one of said database recovery logs, wherein a format of said virtual table is different than independent of the format of the at least one of said database recovery logs.

45.   (Currently Amended) The system of claim [[44]]15, wherein [[the]]a format of the view said virtual table does not change remains unchanged without modifying a query statement corresponding to the view when the format of the at least one of said recovery logs changes.